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Attorney Docket No.: 40-001120US
Client Reference No.: 01-001120US

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **PLANAR NANOWIRE BASED SENSOR ELEMENTS, DEVICES, SYSTEMS AND METHODS FOR USING AND MAKING SAME** the specification of which _____ is attached hereto or X was filed on June 26, 2003 as Application No. 10/608,775, and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/392,205	June 27, 2002
60/426,076	November 13, 2002

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

Full Name of Inventor 1:	Full Name: George Pontis		
Residence & Citizenship:	City: Redwood City	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 25 Hermosa Road, Redwood City, California 94304 USA		
Full Name of Inventor 2:	Full Name: Walter Stonas		
Residence & Citizenship:	City: Campbell	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 270 Friar Way, Campbell, California 95008 USA		
Full Name of Inventor 3:	Full Name: Calvin Chow		
Residence & Citizenship:	City: Portola Valley	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 455 Minoca Drive, Portola Valley, California 94028 USA		
Full Name of Inventor 4:	Full Name: J. Wallace Parce		
Residence & Citizenship:	City: Palo Alto	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 754 Los Robles Avenue, Palo Alto, California 94304 USA		
Full Name of Inventor 5:	Full Name: Yaoling Pan		
Residence & Citizenship:	City: Union City	State/Foreign Country: California	Country of Citizenship: CN
Post Office Address:	Post Office Address: 34964 Eastin Drive, Union City, California 94587 USA		
Full Name of Inventor 6:	Full Name: Linda T. Romano		
Residence & Citizenship:	City: Sunnyvale	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 1055 Westchester Drive, Sunnyvale, California 94087 USA		
Full Name of Inventor 7:	Full Name: Shahriar Mostarshed		
Residence & Citizenship:	City: San Mateo	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 1951 O'Farrell Street #405, San Mateo, California 94403 USA		

Attorney Docket No.: 40-001120US
Client Reference No.: 01-001120US

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  George Pontis	Signature of Inventor 2 Walter Stonas	Signature of Inventor 3 Calvin Chow
Date <u>May. 9, 2004</u>	Date	Date

Signature of Inventor 4 J. Wallace Parce	Signature of Inventor 5 Yaoling Pan	Signature of Inventor 6 Linda T. Romano
Date	Date	Date
Signature of Inventor 7 Shahriar Mostarshed		
Date		



Attorney Docket No.: 40-001120US
Client Reference No.: 01-001120US

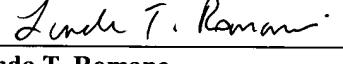
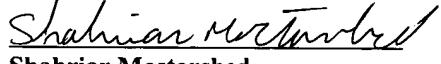
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 <hr/> George Pontis	Signature of Inventor 2 <hr/> <i>Walter Stonas</i> Walter Stonas	Signature of Inventor 3 <hr/> Calvin Chow
Date <hr/> 3/10/2004	Date <hr/> 3/10/2004	Date

Signature of Inventor 4 <hr/> J. Wallace Parce	Signature of Inventor 5 <hr/> Yaoling Pan	Signature of Inventor 6 <hr/> Linda T. Romano
Date <hr/> 3/10/2004	Date <hr/> 3/10/2004	Date
Signature of Inventor 7 <hr/> Shahriar Mostarshed		
Date <hr/> 3/10/2004		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
<u>George Pontis</u>	<u>Walter Stonas</u>	 <u>Calvin Chow</u> <u>3-3-04</u>
Date	Date	Date

Signature of Inventor 4	Signature of Inventor 5	Signature of Inventor 6
 <u>J. Wallace Parce</u>	 <u>Yaoling Pan</u>	 <u>Linda T. Romano</u>
Date <u>3/3/04</u>	Date <u>3/3/04</u>	Date <u>3/3/04</u>
Signature of Inventor 7		
 <u>Shahriar Mostashed</u>		
Date <u>3-3-04</u>		

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PATENT & TRADEMARK OFFICE

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/608,775
Filing Date	June 26, 2003
First Named Inventor	George Pontis
Title	PLANAR NANOWIRE BASED SENSOR
Art Unit	1743
Examiner Name	Unassigned
Attorney Docket Number	40-001120US

I hereby appoint:

 Practitioners associated with the Customer Number:

OR

 Practitioner(s) named below:**22798**

PATENT TRADEMARK OFFICE

Name	Registration Number
Matthew B. Murphy	39,787

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The address associated with the above-mentioned Customer Number:

OR

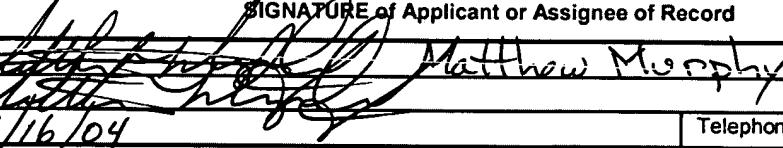
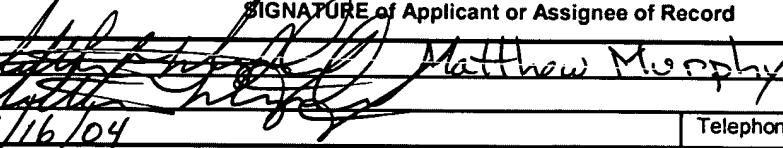
 The address associated with Customer Number:

OR

<input checked="" type="checkbox"/>	Firm or Individual Name:	Quine Intellectual Property Law Group, P.C.							
Address	P.O. Box 458								
Address									
City	Alameda	State	CA	Zip	94501				
Country	United States								
Telephone	(510) 337-7871	Fax	(510) 337-7877						

I am the:

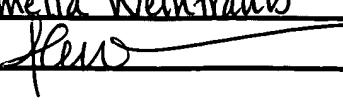
 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)***SIGNATURE of Applicant or Assignee of Record**

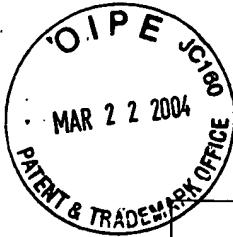
Name		
Signature		
Date	3/16/04	Telephone 650-331-2109

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

 *Total of _____ forms are submitted.**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or Printed Name *Amelia Weintraub*Signature Date *March 18, 2004*



STATEMENT UNDER 37 CFR 3.73(b)

Applicant: George Pontis, et al.

Application No.: 10/608,775 Filed: June 26, 2003

Entitled: **PLANAR NANOWIRE BASED SENSOR ELEMENTS, DEVICES, SYSTEMS
AND METHODS FOR USING AND MAKING SAME**

NANOSYS, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. [X] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet

[X]Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

March 16, 2004
Date


Signature

Matthew Murphy
Typed or printed name

V.P. Intellectual Property
Title

NOT FOR RECORDATION

COPY

Attorney Docket No.: 40-001120US
Client Reference No.: 01-001120US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, George Pontis, of 25 Hermosa Road, Redwood City, California 94304 USA, Walter Stonas of 270 Friar Way, Campbell, California 95008 USA, Calvin Chow of 455 Minoca Drive, Portola Valley, California 94028 USA, J. Wallace Parce, 754 Los Robles Avenue, Palo Alto, California 94304 USA, Yaoling Pan of 34964 Eastin Drive, Union City, California 94587 USA, Linda T. Romano of 1055 Westchester Drive, Sunnyvale, California 94087 USA, and Shahriar Mostarshed of 1951 O'Farrell Street, #405, San Mateo, California, 94403 United States of America, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PLANAR NANOWIRE BASED SENSOR ELEMENTS, DEVICES, SYSTEMS AND METHODS FOR USING AND MAKING SAME

Filing Date: June 26, 2003

Application No.: 10/608,775; and

WHEREAS, NANOSYS, Inc., a corporation, located at 2625 Hanover Street, Palo Alto CA 94304, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

NOT FOR RECORDATION

COPY

Assignment

Application No.: 10/608,775

Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: Mar. 9, 2004

George Pontis

George Pontis

Dated: _____

Walter Stonas

Dated: _____

Calvin Chow

Dated: _____

J. Wallace Parce

Dated: _____

Yaoling Pan

Dated: _____

Linda T. Romano

Dated: _____

Shahriar Mostarshed

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Assignment

Application No.: 10/608,775

Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: _____

George Pontis

Dated: 3/10/2004

Walter Stonas
Walter Stonas

Dated: _____

Calvin Chow

Dated: _____

J. Wallace Parce

Dated: _____

Yaoling Pan

Dated: _____

Linda T. Romano

Dated: _____

Shahriar Mostarshed

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COPY

Assignment
Application No.: 10/608,775
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: _____

George Pontis

Dated: _____

Walter Stonas

Dated: 3-3-04

Calvin Chow

Dated: 3/3/04

J. Wallace Parce

Dated: 3/3/04

Yaoling Pan

Dated: 3/3/04

Linda T. Romano

Dated: 3-3-04

Shahriar Mostarshed